TEST EQUIPMENT

Identifying and Resolving Security Challenges

Defense Security Service

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ITS, Standards & Quality

Objectives

- Review types of test equipment
- Determine what requires certification
- Identify vulnerabilities

Types of Test Equipment

Could be small!

Might be large!

Types of Test Equipment

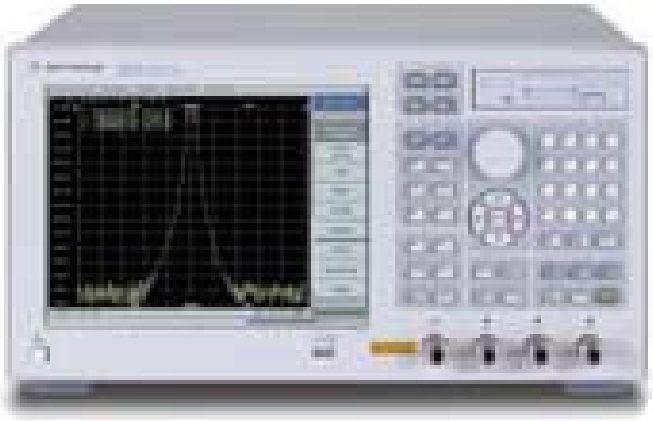
- Could be small but look large
- This is a rack--very common

How to Evaluate

- Evaluate as a computer
- Will it process or retain classified?
- Equipment with non-volatile memory or media that processes classified, must be accredited

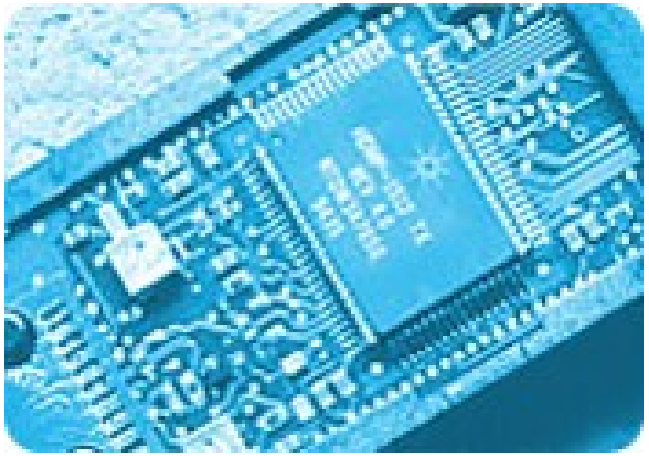
Obvious Clues

“Store/Recall” Button
Non-Volatile Memory



Floppy (Media)

Considerations



- Evaluate ALL memory
- Determine type
  - Volatile
  - Non-volatile
- If non-volatile, which memory captures what type of information

Sanitization

- All memory that contains user data must be sanitized
- Clearing & Sanitization Matrix
- www.dss.mil/infoas/index.htm
- Manufacturer’s clearing procedure may be adequate

Other Considerations

- Determine media to be used
- Ensure hard drives addressed

Other Considerations

- Physical security must always be considered
- Restricted Area may be acceptable
- Ensure seals effective
- May require Closed Area

Summary

- Discussed evaluating memory
- Discussed evaluating media
- Reviewed physical security requirements